



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/611,588  
Source: IFW0 -  
Date Processed by STIC: 1/23/04 -

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

## Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: <u>10/6/1,588</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <u>    </u> Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <u>    </u> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <u>  J  </u> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <u>    </u> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <u>    </u> Variable Length	Sequence(s) <u>    </u> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <u>    </u> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <u>    </u> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <u>    </u> Skipped Sequences (OLD RULES)	Sequence(s) <u>    </u> missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped  Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <u>    </u> Skipped Sequences (NEW RULES)	Sequence(s) <u>    </u> missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <u>    </u> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <u>    </u> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <u>    </u> Use of <220>	Sequence(s) <u>    </u> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <u>    </u> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <u>    </u> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/611,588

DATE: 01/23/2004

TIME: 10:39:57

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01232004\J611588.raw

3 <110> APPLICANT: Levanon, et al.  
W--> 4 <120> TITLE OF INVENTION: ANTIBODIES AND USES THEREOF  
W--> 5 <130> FILE REFERENCE: 10793/70  
W--> 6 <140> CURRENT APPLICATION NUMBER: 10/611,588  
C--> 7 <141> CURRENT FILING DATE: 2003-06-30  
8 <150> PRIOR APPLICATION NUMBER: 60/393,491  
W--> 9 <151> PRIOR FILING DATE: 07/01/2002 2002-07-01  
11 <160> NUMBER OF SEQ ID NOS: 8  
12 <170> SOFTWARE: FastSEQ for Windows Version 3.0

*use this date format*

Does Not Comply  
Corrected Diskette Needed

*pp 1-3*

## ERRORED SEQUENCES

14 <210> SEQ ID NO: 1  
15 <211> LENGTH: 280  
16 <212> TYPE: PRT  
17 <213> ORGANISM: Homo sapiens  
19 <400> SEQUENCE: 1  
21 Met Lys Tyr ~~Leu~~ Leu Pro Thr Ala Ala Ala Gly Leu Leu Leu Leu  
E--> 22 5 10 15  
24 Ala Ala ~~Gln~~ Pro Ala Met Ala Glu Val Gln Leu Val Glu Ser Gly  
E--> 25 20 25 30  
27 Gly Gly Val Val Arg Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala  
E--> 28 35 40 45  
30 Ala Ser Gly Phe Thr Phe Asp Leu Asn Pro Lys Val Lys His Met  
E--> 31 50 55 60  
33 Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser Gly  
E--> 34 65 70 75  
36 Ile Asn Trp Asn Gly Gly Ser Thr Gly Tyr Ala Asp Ser Val Lys  
E--> 37 80 85 90  
39 Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr  
E--> 40 95 100 105  
42 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr  
E--> 43 110 115 120  
45 Cys Ala Arg Met Arg Ala Pro Val Ile Trp Gly Gln Gly Thr Leu  
E--> 46 125 130 135  
48 Val Thr Val Ser Arg Gly Gly Gly Gly Ser Gly Gly Gly Ser  
E--> 49 140 145 150  
51 Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser  
E--> 52 155 160 165  
54 Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser  
E--> 55 170 175 180  
57 Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln

*misaligned amino acid nos.*

*(see item 3 on Error Summary Sheet)*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/611,588

DATE: 01/23/2004

TIME: 10:39:57

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01232004\J611588.raw

```

E--> 58   185       190   195
      60 Ala Pro Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly
E--> 61   200       205   210
      63 Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser
E--> 64   215       220   225
      66 Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr
E--> 67   230       235   240
      69 Cys Asn Ser Arg Asp Ser Ser Gly Asn His Val Val Phe Gly Gly
E--> 70   245       250   255
      72 Gly Thr Lys Leu Thr Val Leu Gly Ala Ala Ala Glu Gln Lys Leu
E--> 73   260       265   270
      75 Ile Ser Glu Glu Asp Leu Asn Gly Ala Ala
E--> 76   275
      79 <210> SEQ ID NO: 2
      80 <211> LENGTH: 6
      81 <212> TYPE: PRT
      82 <213> ORGANISM: Homo sapiens
      84 <400> SEQUENCE: 2
      86 Met Arg Ala Pro Val Ile
E--> 87    5
      90 <210> SEQ ID NO: 3
      91 <211> LENGTH: 16
      92 <212> TYPE: PRT
      93 <213> ORGANISM: Homo sapiens
      95 <400> SEQUENCE: 3
      97 Gly Ile Asn Trp Asn Gly Gly Ser Thr Gly Tyr Ala Asp Ser Val Lys
E--> 98    5          10   15
      102 <210> SEQ ID NO: 4
      103 <211> LENGTH: 8
      104 <212> TYPE: PRT
      105 <213> ORGANISM: Homo sapiens
      107 <400> SEQUENCE: 4
      109 Leu Asn Pro Lys Val Lys His Met
E--> 110    5
      114 <210> SEQ ID NO: 5
      115 <211> LENGTH: 7
      116 <212> TYPE: PRT
      117 <213> ORGANISM: Homo sapiens
      119 <400> SEQUENCE: 5
      121 Leu Arg Gly Gly Asn Ala Met
E--> 122    5
      126 <210> SEQ ID NO: 6
      127 <211> LENGTH: 11
      128 <212> TYPE: PRT
      129 <213> ORGANISM: Homo sapiens
      131 <400> SEQUENCE: 6
      133 Phe Leu Thr Tyr Asn Ser Tyr Glu Val Pro Thr
E--> 134    5          10
      138 <210> SEQ ID NO: 7

```

*same error**same**same**same**same**same*

## RAW SEQUENCE LISTING

DATE: 01/23/2004

PATENT APPLICATION: US/10/611,588

TIME: 10:39:57

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01232004\J611588.raw

139 <211> LENGTH: 9  
140 <212> TYPE: PRT  
141 <213> ORGANISM: Homo sapiens  
143 <400> SEQUENCE: 7  
145 Thr Asn Trp Tyr Leu Arg Pro Leu Asn  
E--> 146 5  
150 <210> SEQ ID NO: 8  
151 <211> LENGTH: 10  
152 <212> TYPE: PRT  
153 <213> ORGANISM: Homo sapiens  
155 <400> SEQUENCE: 8  
157 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu  
E--> 158 5 10

*same*

*same*

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/611,588

DATE: 01/23/2004

TIME: 10:39:58

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01232004\J611588.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier  
L:5 M:283 W: Missing Blank Line separator, <130> field identifier  
L:6 M:283 W: Missing Blank Line separator, <140> field identifier  
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:9 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:22 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1  
M:332 Repeated in SeqNo=1  
L:87 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2  
L:98 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3  
L:110 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4  
L:122 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5  
L:134 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6  
L:146 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7  
L:158 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8